

E7.3 10673

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Detection of Small Ponds on ERTS-1
Imagery

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The Forest Analysis Team has determined that ponds within forested areas as small as one hectare (2.5) acres are detectable from the ERTS-1 data. This finding was made from the analysis of scene #1037-16244 on 29 August 1972 over the Sam Houston National Forest in Walker County, Texas. These ponds were identified on the 9" B/W transparencies magnified seven times in areas of contrast ratios in a range of 1:1.2 to 1:2.0.

(E73-10673) DETECTION OF SMALL PONDS ON
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